

Fig.1

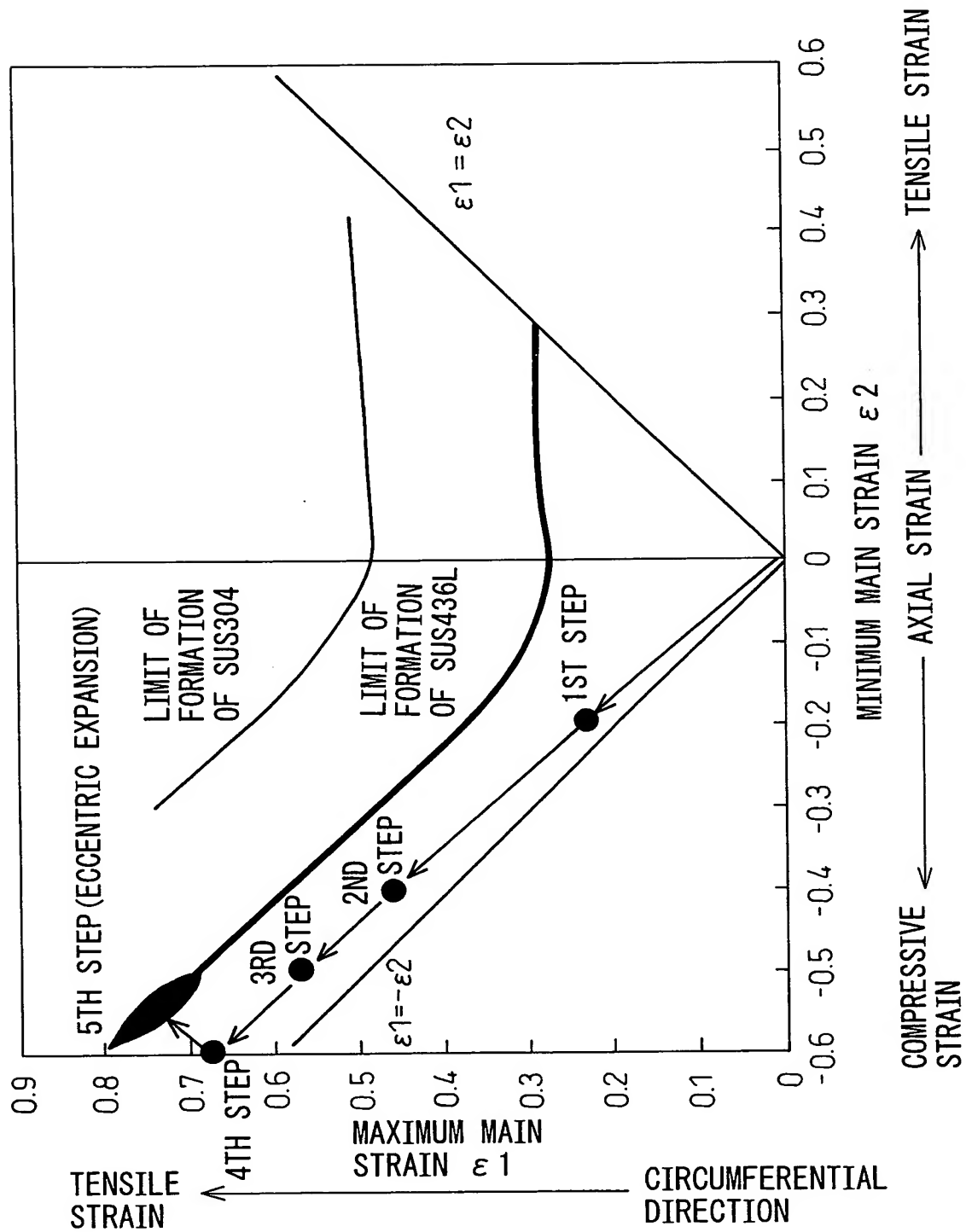


Fig.2

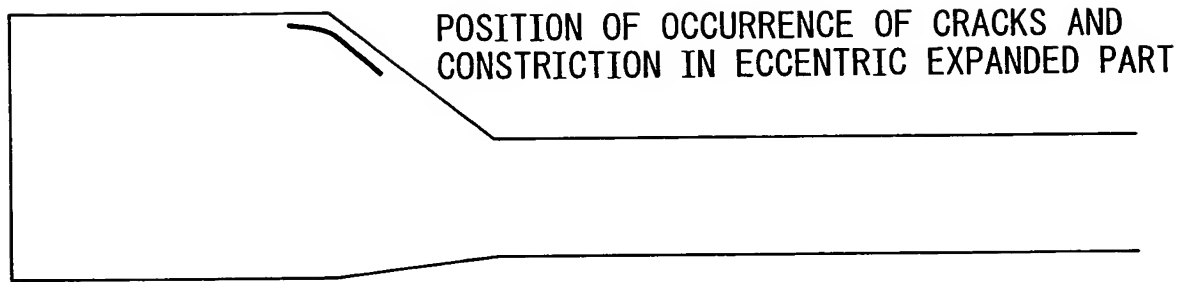
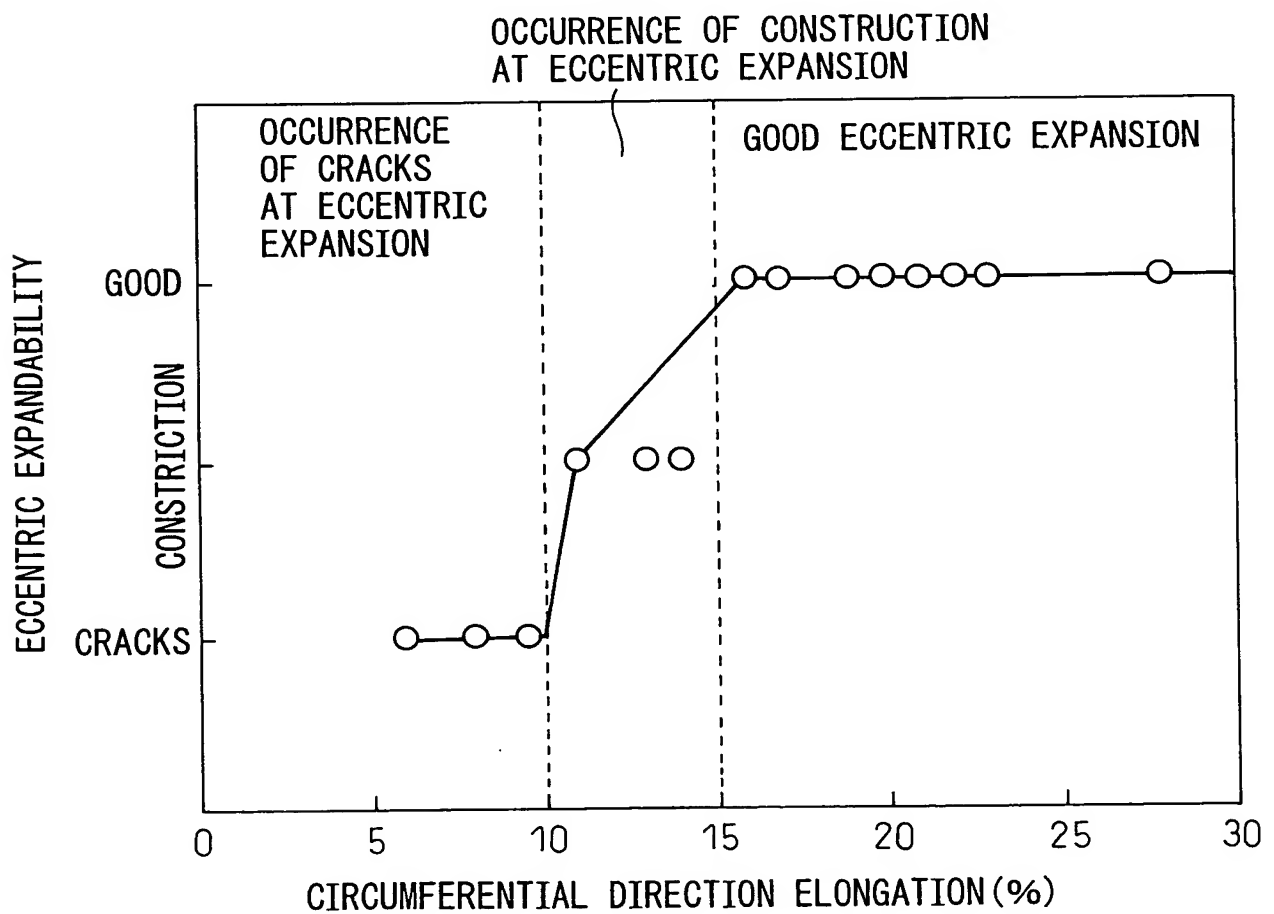


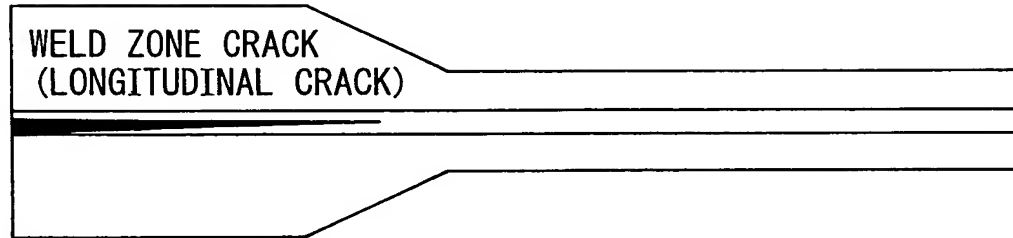
Fig.3



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Fig.4

(1) WELD ZONE STRENGTH < MATRIX STRENGTH



(2) WELD ZONE STRENGTH > MATRIX STRENGTH

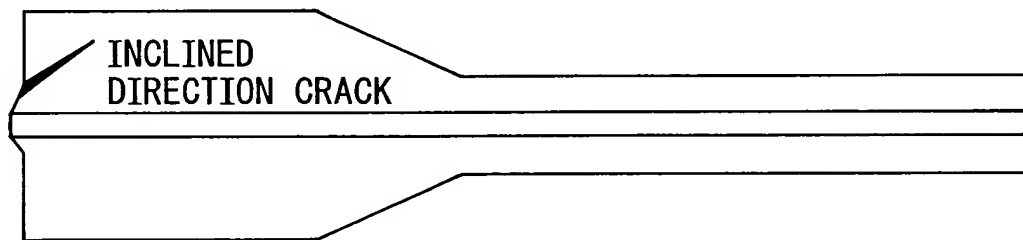


Fig.5

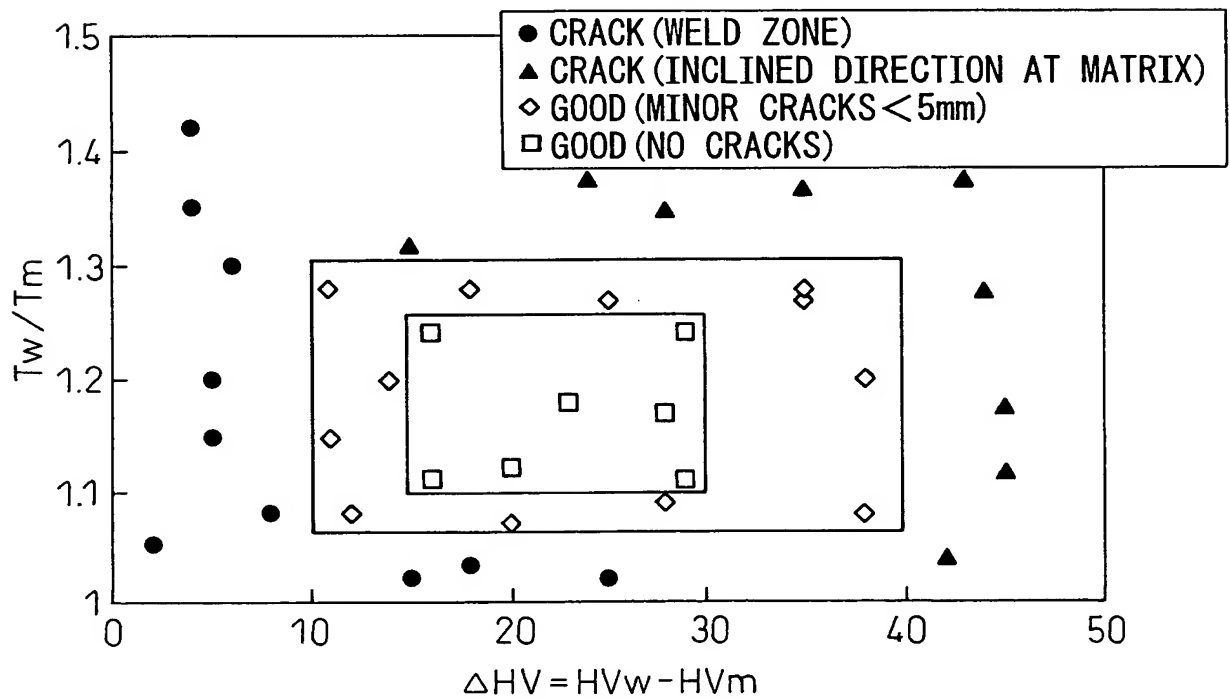


Fig.6

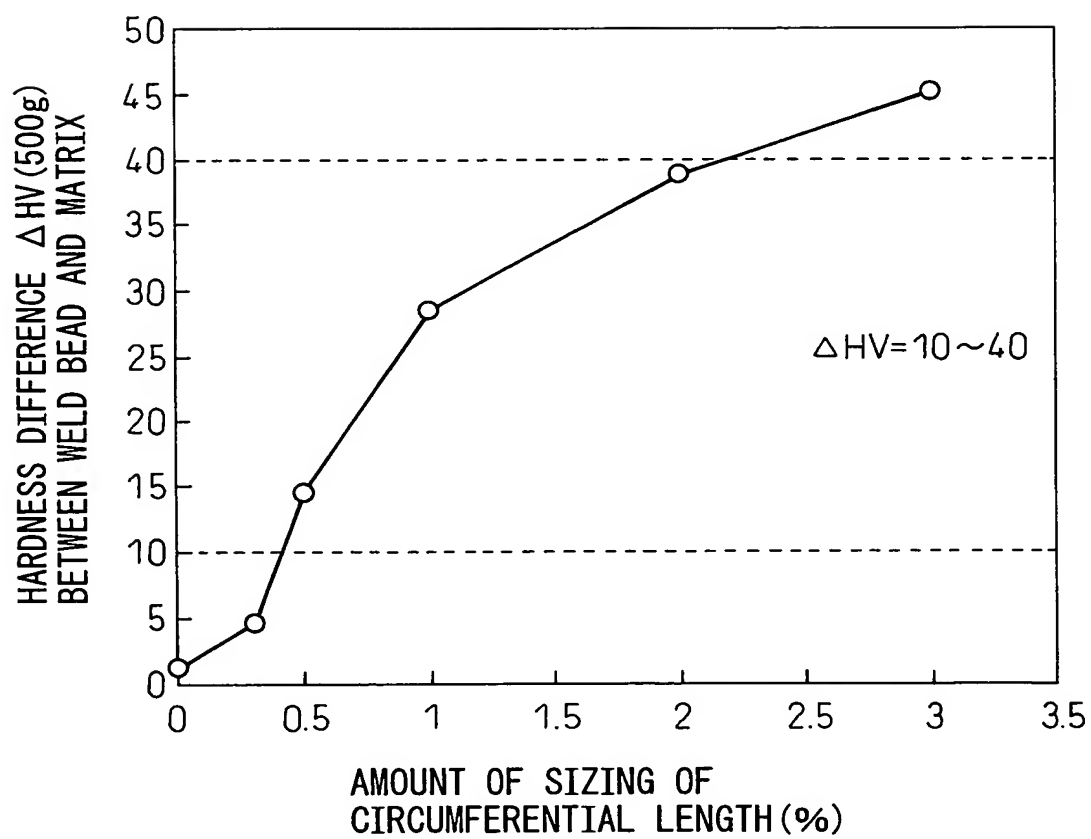


Fig.7

